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CLAIMS

A malononitrile compound represented by the formula
(I):

$$(R^5)_n = \frac{5}{6} \frac{1}{N} \frac{1}{2} \frac{R^1}{2} \frac{R^2}{CN} \frac{R^3}{CN}$$
 (1)

wherein, R1 represents a C1 to C5 (halo)alkyl, a C2 to C5 (halo)alkenyl, a C2 to C5 (halo)alkynyl or a hydrogen atom; (halo)alkyl, a C1 to C5 R² represents a C1 to C5 (halo)alkyloxy, a C2 to C5 (halo)alkenyl, a C2 to C5 (halo)alkynyl, hydrogen atom or a cyano; R3 and R4 are the same or different and are a C1 to C6 (halo)alkyl, a C2 to C6 (halo)alkenyl, a C2 to C6 (halo)alkynyl, a C3 to C6 (halo)cycloalkyl, a C4 to C6 (halo)cycloalkenyl or a hydrogen atom, or R3 and R4 together may form a C2 to C6 R⁵ to C6 (halo)alkenylene; a C4 (halo)alkylene or represents a halogen atom, a cyano, a nitro, a C1 to C4 (halo)alkyl, a C2 to C4 (halo)alkenyl, a C2 to (halo)alkynyl, a C1 to C4 (halo)alkyloxy, a C1 to C4 (halo)alkylthio, a C1 to C4 (halo)alkylsulfinyl, a C1 to C4 (halo)alkylsulfonyl, a C2 to C4 (halo)alkylcarbonyl, a C2 (halo)alkyloxycarbonyl, C4 C2 a (halo)alkylcarbonyloxy, a phenyloxy or a phenylthio (the above-mentioned phenyloxy and phenylthio may be substituted with a halogen atom or a C1 to C3 alkyl); n is an integer

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of 0 to 4 and when n is 2 or more, R^5 may be the same or different.

- 2. A pesticide composition comprising the malononitrile compound according to claim 1 as active ingredient and an inert carrier.
- 3. A method for controlling pests comprising applying an effective dose of the malononitrile compound according to claim 1 to pests or habitat of pests.
- 4. Use of the malononitrile compound according to claim 110 as a pesticide composition.